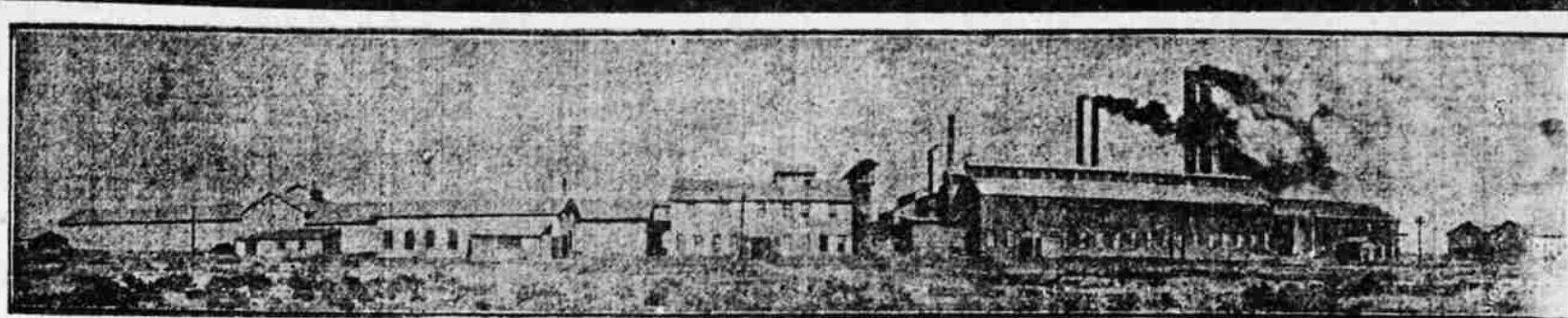


# So Loyal Utahns May Know What They Should Buy

## NOTHING BUT UTAH PRODUCTS IN FAVOR

(Continued from Preceding Page.)

city and the prosperity and development of the state." In response to many invitations sent by the Commercial club to business men asking them to attend the luncheon day, many acceptances were received. Following announcements that they would present personally, C. A. Quigley, Mayor R. Meredith, Max Ottenheimer, J. D. Giles, J. C. Howard, Orvin Morgan, G. McDonald, Earl Aldridge, A. Taylor, Lewis Telle Cannon, C. R. Chase, A. D. Pierson, Bert Bailey, Joseph A. Silver, Joseph Lippman and J. McAllister. Acceptances were received from the firms of Eardley Brothers company, Inland Crystal Salt company, Hewitt Brothers company, De Rouzek Engineering company and the Independent company. The latest acceptance to be received by the club is that of the celebration day from the Rotary club, which said that the members of the club wished to attend in a body. This will bring the total attendance at the luncheon well over 100. The windows of many stores were dressed last night with special displays of home products and this morning they will present to the public different articles manufactured in Utah. An important feature with regard to the celebration is that the various movie picture theaters will flash on their signs, at different intervals, slides advertising Utah-made goods and boosting in general the home-made article. Boards of the Utah Billposting company have been posted with admonitions that every dollar kept at home is actually a dollar saved. Merchants over the state have been supplied with the extensive lists containing the names of every article manufactured in the state. From the list can be secured almost any necessity for the home table. The committees appointed recently to use the hotels, restaurants and cafes to use Utah products met with much success. The committee composed of Mesdames D. N. Hughes, Anna W. K. Reid, J. G. Giles, Kent O. J. H. Harlan, E. P. Gallagher, Marie Bowman, a committee, composed of F. M. Brooklin, D. C. Dunbar and M. J. Greenwood, was appointed to the cafes. With regard to the essay contest which is in charge of the State Federation of women's clubs and which is being conducted throughout the schools of the state, much success is predicted. The students upon the idea enthusiastically, for they feel that they have been given a subject upon which they can write intelligently. Undoubtedly the students in different localities will attempt to tell how products raised in their vicinities exceed the products raised elsewhere. The students are given until December 15 to have their essays in the hands of the essay committee. To the high school student producing the best paper on the subject, "Utah Products," will be awarded a prize of \$10 in cash, and to the student submitting the second best, a prize of \$5 will be given. The eighth-grade pupils are also competing. They have been assigned the same subject, and the prizes won by them will be of the same value as those for the high school students. With the success that those in charge of the day have had thus far, they feel with each year interest in the production of Utah products will increase. Undoubtedly Utah-made goods will have a commanding place in the business of the west.



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# THE CHEMISTRY OF BEET AND CANE SUGAR

It is not uncommon to hear a housewife declare it to be impossible to preserve fruit or to make confectionery with beet sugar. Others claim that beet sugar is not as sweet as cane sugar and hence more of it is required to render a given degree of sweetness. Some claim to be able to distinguish beet sugar from cane sugar by the size of the crystal, some by the color, others by the length of time it takes a lump of sugar to dissolve in a cup of coffee or other liquid.

All of these conclusions are fallacious, for even a chemist, surrounded with all his scientific laboratory equipment, can not distinguish one from the other. Although derived from different species of plants, the refined product from the juice of the cane and beet is the same in composition, in sweetening power, in dietetic effect, in chemical reaction, in all other respects. Furthermore, if maple sugar were reboiled and passed through the process of refining, it would lose its aroma and flavor, which are wholly in the impurities, and the white crystals would be identical with those derived from sugar cane and sugar beets.

Pure sugar, whether derived from beet or cane, is as identical as is pure gold, whether mined in the Rocky mountains or in the Transvaal. It would be as reasonable for a housewife to attribute the failure of her omelette

to the fact that the hens which laid the eggs were Rhode Island Reds instead of Wyandottes, as to attribute the failure of her preserves to the use of beet instead of cane sugar.

Inasmuch as one-half of the 17,000,000 tons annual sugar production of the world is derived from European sugar beets, to assume that this sugar can not be used for preserving fruit or making confectionery is to assume that where beet sugar is produced the people either go without confectionery and preserves, or that they import cane sugar with which to prepare them.

For fifty years or more the continent of Europe had depended almost exclusively on beet sugar. Aside from a small amount of French Colonial sugar and some 20,000 tons of cane sugar produced in Spain, the 5,300,000 tons of sugar annually consumed on the continent of Europe is beet sugar and no more attractive confections or delicious fruit preparations are produced elsewhere. Of the 1,900,000 tons annual sugar consumption of Great Britain, 1,300,000 tons is derived from Continental sugar beets. A few years ago 40 per cent of the United States importations of sugar were beet sugar and now from time to time when a shortage of sugar occurs in the West Indies, raw European beet sugar is imported into the United States, and it all emerges from our seaboard re-

fineries as "pure cane sugar." This is not a misbranding, inasmuch as Worcester's definition of "cane sugar" is "Sugar obtained chiefly from sugar cane, the sugar maple and beet root, and contained in a great many other vegetables."

Webster's Dictionary gives the following definition of sugar: "A sweet, crystalline substance obtained from certain vegetable products as the sugar cane, maple, beet, sorghum and the like."

The Standard Dictionary defines sugar as: "A sweet crystalline compound (C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>) derived chiefly from the juice of the sugar cane and sugar beet, but contained also in many other vegetables." It defines sucrose (the chemical name for sugar) as: "The white crystalline compound known variously as cane sugar, beet sugar, maple sugar, etc., according to its origin, but identical chemically, having the composition C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>."

From the foregoing authoritative definitions it will be seen that there is no possibility of determining the source from which a pure sugar crystal is derived and to claim to be able to distinguish one from the other is to assume the possession of a power of discernment and discrimination which the scientists of the world, aided by all the arts of chemistry and equipped with the most delicate scientific apparatus, have failed to develop.